

AVIATION WEATHER SERVICES

Advisory Circular,
AC 00-45G,
Change 1



U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE



U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION



Photo courtesy of Aaron A. Gilstad

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SUMMARY OF CHANGES

SECTION	CHANGES
1.1.2.5	Changed wording to say "...and certify non-military pilot weather briefers and tower visibility observers."
1.3.1	Changed wording from "specialist" to "NWS certified pilot weather briefer"
2.1.1	Changed wording from "are considered" to "pertain to"
2.3	Changed wording from "defined in paragraph 2.3" to "defined in paragraph 2.2"
2.3.2	Changed wording from "defined in paragraph 2.2.1" to "defined in paragraph 2.1.1"
2.3.3	Change wording from..."(see paragraph 2.4.2, above)" to "(see previous section)"
3.1.3.9	Changed example wording from "cumulonimbus at 7,500" to "...cumulonimbus at 3,200"
3.1.3.13.19.4	Changed order of clouds to list by height (i.e., CCSL, ACSL, SCSL, rotor)
3.2.1	Change wording from "(Figure 3-7)" to "(Figure 3-10)"
3.2.2.1.1	Corrected section numbering typo
3.2.1.7	Changed coding from "/WV" to "/WX"
3.2.1.10	Changed wording to prevent confusion
3.2.1.12.8	Changed wording from "flight level 310" to "flight level 370"
3.3.1	Changed wording from "(see figure 3-12)" to (see Figure 3-15). Also, changed wording from "Figure 3-8" to "Figure 3-11"
3.3.1.3	Changed wording from "Figure 3-9" to "Figure 3-12"
3.3.1.11	Changed wording from "Figure 3-11" to Figure 3-14"
4.1.4.1.3.6	Corrected spelling error in Figure 4-11; from "propogation" to "propagation"
4.1.4.2	Deleted long-range Composite Reflectivity since the NWS no longer provides it through ADDS or the (NWS Ridge Radar site).
5.4	Removed this section since the Lifted Index (LI) Analysis DIFAX Chart is no longer produced.
6.2.5	Corrected numbering error on Figure 6-11.
6.3	Inserted G-AIRMET as new primary product. This changed the numbering in the remainder of section 6.
7.1.10	Removed mention of Alaska SIGMETs since they are no longer embedded in the Alaska Area Forecasts (FAs)
9.5	Updated from GTG to the new GTG-2.

FOREWORD

Aviation Weather Services, Advisory Circular 00-45G, Change 1, is published jointly by the National Weather Service (NWS) and the Federal Aviation Administration (FAA). This publication supplements its companion manual Aviation Weather, Advisory Circular 00-6A, which documents weather theory and its application to the aviation community.

This advisory circular, AC 00-45G, Change 1, explains U.S. aviation weather products and services. It details the interpretation and application of advisories, coded weather reports, forecasts, observed and prognostic weather charts, and radar and satellite imagery. Product examples and explanations are taken primarily from the Aviation Weather Center's Aviation Digital Data Service website (<http://adds.aviationweather.noaa.gov/>).

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An online version of this document (including digital images) can be found at:

http://www.airweb.faa.gov/Regulatory_and_Guidance_Library/rgAdvisoryCircular.nsf/MainFrame?OpenFrameSet

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